

**NEW UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)**

(to be used for new applications only)

Docket No.
KMH-029COMBO

Total Pages in this Submission
73

JCS 5 U.S.

TO THE ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53 is a new utility patent application for an invention entitled:

ULTRA WIDEBAND TRANSMITTER AND RECEIVER

and invented by:

**ROBERT J. FONTANA
J. FREDERICK LARRICK, JR.**

Enclosed are:

Application Elements

1. Filing fee as calculated and transmitted as described below
2. Specification having 51 pages and including the following:
 - Abstract of the Disclosure
 - Title of the Invention
 - Cross References to Related Applications (*if applicable*)
 - Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - Reference to Microfiche Appendix (*if applicable*)
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if drawings filed*)
 - Detailed Description
 - Claim(s) as Classified Below
3. Drawing(s) (*when necessary as prescribed by 35 USC 113*)
 - Formal InformalNumber of Sheets 14
4. Declaration
 - Executed Unexecuted With Power of Attorney Without Power of Attorney

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PTO
09/25/97

02/17/99

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Application Elements (Continued)

5. Genetic Sequence Submission (*if applicable, all must be included*)
 Paper Copy
 Computer Readable Copy
 Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

6. Assignment Papers
7. Computer Program in Microfiche
8. Information Disclosure Statement/PTO-1449 Copies of IDS Citations
9. Petition
10. Preliminary Amendment
11. Proprietary Information
12. Acknowledgment postcard
13. Small Entity Statement(s) - Specify Number of Statements Submitted: _____
14. Certificate of Mailing
 First Class Express Mail (*Specify Label No.*): _____
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. English Translation Document (*if applicable*)

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Accompanying Application Parts (Continued)

17. Additional Enclosures (*please identify below*):

Inventorship and Small Entity Declarations filed in parent applications 08/857,836 filed 5/16/97 and 08/872,729 filed 6/11/97.

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	5	- 20 =	0	x \$11.00	\$0.00
Indep. Claims	4	- 3 =	1	x \$40.00	\$40.00
Multiple Dependent Claims (check if applicable)					\$0.00
				BASIC FEE	\$385.00
OTHER FEE (specify purpose)					\$0.00
				TOTAL FILING FEE	\$425.00

- A check in the amount of \$425.00 to cover the filing fee is enclosed.
 The Commissioner is hereby authorized to charge and credit Deposit Account No. 06-0115 as described below. A duplicate copy of this sheet is enclosed.
- Charge the amount of _____ as filing fee.
 Credit any overpayment.
 Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
 Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: February 17, 1999


Signature
Lawrence Harbin, Reg. No. 27,644

CC: